LIBRARY

MEDICAL OFFICER'S REPORT FOR THE YEAR 1948.

TO THE CHAIRMAN AND MEMBERS OF THE
NEWTOWN AND LLANLLWCHAIARN
URBAN DISTRICT COUNCIL.

Gentlemen,

I beg to submit to you my Annual Report for the year 1948.

The Public Health Officials are Dr. A. Shearer, part-time Medical Officer of Health, and Mr. A. S. Benbow, who, in addition to being Sanitary Inspector, is also Highways Surveyor, Water Manager and Meat Inspector.

STATISTICS.

Area, 7,224 acres.

Estimated population. 5,421.

Number of Inhabited Houses according to the rate book, 1,636.

In addition at the Military Camp, Dolfor Road, there are thirty-seven families in occupation of the various buildings.

Rateable Value, £24,704.

Sum represented by One Penny Rate, £96 : 6 : 9.

In the early part of the year there were a few cases of Whooping Cough notified. This was followed by a slight epidemic of Measles, 150 cases being reported in the earlier part of the year.

The general health of the Area has been good, and there has been very little unemployment during 1948.

VITAL STATISTICS FOR THE YEAR.

	Total	Male	Female.
Live Births	84	49	35
Legitimate		42	34
Illegitimate		7	1

This gives a Birth Rate of 15·4 per 1,000 of the Population compared with 21·5 for 1947 and with 17·9 for the whole of England and Wales.

	Total.	Male.	Female.
Still Births	2	2	0
Legitimate		2	0
Illegitimate		0	0

The rate per 1,000 Population is ·036 compared with ·040 for 1947 and ·042 with the whole of England and Wales.

	Total.	Male.	Female.
Deaths	65	31	34

The death rate is 11·9 compared with 14·8 for 1947 and with 10·8 for the whole of England and Wales.

Deaths of Infants under one year of age ;—

	Total.	Male.	Female.
	2	2	0
Legitimate		2	0
Illegitimate.....		0	0

This gives a death rate of 23·8 per 1,000 live births compared with 28·3 for 1947 and with ·34 for England and Wales.

There were no deaths from puerperal, post-abortion sepsis or other maternal causes.

Other Causes of Deaths were:—

Whooping Cough	1
Tuberculosis of respiratory system	4
Other forms of Tuberculosis	1
Syphilictic dieases	1
Cancer of buccal parity and oesophagus	2
Cancer of uterus	1
Cancer of stomach and duodenum	2
Cancer of breast	1
Cancer of all other sites	6
Diabetes	1
Intracranial vascular lesious	8
Heart disease	21
Bronchitis	3
Pneumonia	2
Other respiratory diseases	1
Ulcer of stomach and duodenum	1
Diarrhoea under two years of age	1
Nephritis	2
Premature birth	1
Suicide	1
All other Causes	4

Infectious Diseases notified during 1948:—

Whooping Cough	25
Measles	150
Pneumonia	7
Ersyipelas	2

TUBERCULOSIS.

The Notification of these diseases is satisfactory and all cases are referred to the Tuberculosis Officer for the District.

During the year. there were notified 12 new cases, 8 pulmonary and 4 non-pulmonary.

Pulmonary Males cases are aged 15, 17, 27, 31, 71.

Pulmonary Female cases are aged 20, 22, 36.

Non-pulmonary cases are aged: Male, 26; Females 3, 8, 24.

HOUSING.

Up to the present date, under the Council's Housing seventy-four houses have been completed and tenants are in occupation. Ten houses are nearly ready and will be allotted to tenants at an early date.

A further scheme for 60 houses is under consideration and it is likely that the erection of these will be began in the near future.

The Military Camp on the Dolfor Road is still occupied by a number of families. The majority of these are kept in a clean condition, but there are a number of bad tenants who do not make the best of the conditions existing at the Camp.

The Water Supply and Water Closets are satisfactory and the latter are regularly inspected.

SEWAGE DISPOSAL.

The Sewage Farm is in a fair condition. The Area which has been cultivated during recent years will be put down to grass which will provide more land for regular irrigation.

FACTORIES ACT, 1937.

(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority:—
Number on Register, 10; Inspections, 25; Notices served, 4, and complied with, 4.

(2) Factories not included in (1) in which Section 7 is enforced by Local Authority :—

Number on Register, 45 ; Inspections made, 54.

(3) Other Premises in which Section 7 is enforced by Local Authority :—

Number on Register, 3 : Inspections, 3.

SANITARY INSPECTION OF THE DISTRICT.

Report of the Sanitary Inspector for the year ending December 31st, 1948 :—

(a) The number of inspections made by me during the year 230

(b) The number of notices served during the year distinguishing Statutory from informal notices :—

		Served.	Complied with.
1.	Informal Notices ...	112	105
2.	Statutory Notices ...	Nil	Nil

c. The result of such notices ,—

1.	Informal Notices complied with ...	105
2.	Statutory Notices complied with ...	Nil

HOUSING.

Inspections have been made under the Housing Act, and the usual defects were found and notices served on the owners or agents to carry out repairs. and these are being attended to.

MEAT INSPECTION.

During the year, inspections have been made at the Government Slaughter House, and the following particulars are submitted:—

Carcases Inspected and Condemned.

	Cattle.	Calves.	Sheep & Lambs.	Pigs.
Number killed (if known) ...	1080	1518	7185	92
Number inspected ...	1060	1490	7170	90
All diseases except Tuberculosis				
Whole carcases condemned...	8	5	7	3
Carcases of which some part or organ was condemned ...	660	16	920	4
Percentage of the number inspected affected with disease other than Tuberculosis ...	63%	1·4%	12·9%	7·7%
Tuberculosis only.				
Whole carcases condemned	19	1	1	2
Carcases of which some part or organ was condemned ...	7	—	—	—
Percentage of the number inspected affected with Tuberculosis ...	2·4%	·06%	·01%	·2%

WATER UNDERTAKING.

There is an abundant supply of good water which is filtered and chlorinated. Water is supplied direct to the inside of 1,120 houses, and there are 386 houses which are supplied by standpipes situated in yards. There are no standpipes in Public Highways.

During the year, no sample of the raw water was sent for examination, but monthly samples were sent for Bacteriological examination and they proved satisfactory.

The following is a copy of the report sent on the 20th of October, 1948 :—

Plate count. Yeastrel agar 3 days 22°C areobically...per ml.

,, ,, ,, 2 ,, 37°C ,, ...per ml.

Probable number of colifarm bacilli, MacConkey, 2 days, 37°C 0 per 100 ml,

Approximate proportions of faecal and non-faecal coli :

(a)	Faecal coli	...	0	... per cent.
(b)	Non-faecal coli	...	0	... per cent.

Remarks :—No free Chlorine detected.

Highly satisfactory.

A sample was sent for Chemical Analysis on the 16th of September, 1948, and this proved satisfactory, the following is the Analysis :—

Marked :—Kerry Road, Newtown.

In parts per 100,000 of water :—

Total solid matter in solution	14·0
Nitrogen in Nitrates	0·06
Nitrites	Nil
Chlorine in Chlorides	1·3
Oxygen absorbed from Permanganate in 4 hours at 80° F, ...	0·068
Free and saline Ammonia	Nil
Albuminoid Ammonia	0·006
Lead, Copper, Zinc	Nil
Microscopical examination of the sediment ...	Trace of Iron Oxide
Temporary Hardness in Degrees Clark ...	4
Permanent Hardness in Degrees Clark ...	2
pH Value	7·0

The above Chemical Analysis is satisfactory.

SEWAGE DISPOSAL.

The Sewage Farm has been inspected and found in a fairly satisfactory condition.

MILK & DAIRIES ACT.

Regular inspections have been made to the Cowsheds and Dairies, and they were found in a clean condition.

(Signed), ARTHUR S. BENBOW.

In conclusion, I should like to report the excellent way in which your Sanitary Inspector, Mr. A. S. Benbow, carries out his duties and to the help rendered to me at all times by the other Officials of the Council.

I am,

Yours obediently,

A. SHEARER,

Medical Officer of Health.

18th August, 1949.

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